**Title**

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**ABSTRACT**

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***Keywords*: *keyword1; keyword2; keyword3; keyword4; keyword5***

**1. INTRODUCTION**

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**2. MAIN CONTRIBUTION OF THE PRESENT WORK**

**2.1 Analytical Study**

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**2.2 Experimental Study**

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**2.3 Future Prospects**

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Figure 1 Times New Roman 9pt

**3. CONCLUSION or RESULTS**

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**ACKNOWLEDGEMENT**

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**REFERENCES**

1. D. F. Wang\*, X. Lou, A. Bao, X. Yang, J. Zhao. "A Temperature Compensation Methodology for Piezoelectric Based Sensor Devices." Applied Physics Letters 111(8) (2017) 083502.
2. W. Xian, X. Li, T. Kobayashi, T. Itoh, R. Maeda, D. F. Wang\*. "Precise Current Sensing Using A Piezoelectric Cantilever Based Current Sensor." Digest of The 19th Inter. Conf. on Solid-State Sensors, Actuators and Microsystems (Transducers) (2017) 1057-1060.
3. Heinz Georg Schuster (Editor). Reviews of Nonlinear Dynamics and Complexity. Vol. 3. ISBN: 978-3-527-40945-7, John Wiley & Sons, Apr 2010, 260 pages.